

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	290388	seiko.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:48
S2	195	miwa-shinji.in. kayahara-naoki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:48
S3	10	jp-09326941-\$ did. jp-2001092956-\$ did. jp-2002279416-\$ did. jp-20012025046-\$ did. jp-2000209425-\$ did. jp-2000123164-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 13:15
S4	4216	(image near5 (segment\$5 partition\$3)) same (border boundar\$3 contour)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:11
S5	712	(image near5 (segment\$5 partition\$3)) same ((border boundar\$3 contour) with edge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 10:56
S6	1911	(image near5 (segment\$5 partition\$3)) same ((border boundar\$3 contour) with (extract\$3 detect\$3 identif\$7 determin\$5 locat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 11:05
S7	353	(image near5 (segment\$5 partition\$3)) same ((border boundar\$3 contour) with (extract\$3 detect\$3 identif\$7 determin\$5 locat\$3) with edge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 10:59
S8	39	(S1 S2) and ((segment\$5 partition\$3) and (border boundar\$3 contour)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 11:03
S9	816	(image near5 (segment\$5 partition\$3)) with ((border boundar\$3 contour) near5 (extract\$3 detect\$3 identif\$7 determin\$5 locat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 11:09

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S10	306170	(edge near5 (extract\$3 detect\$3 identif\$7 determin\$5 locat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 11:10
S11	120	S9 same S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 11:52
S12	6852	382/164,167,173,199, 274;345/593;358/520.ccls.5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 11:52
S13	40	S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 11:52
S14	26	S11 and ((color hue) with (adjust\$4 correct\$3 modif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 13:16
S15	3	("7016075").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 16:47
S16	2	("7013042").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 16:49
S17	1215	(image near5 (segment\$5 partition\$3)) same ((detect\$3 identif\$7 extract\$3 locat\$3) near5 (border boundar\$3 contour))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:12
S18	649	(image near5 (segment\$5 partition\$3)) with ((detect\$3 identif\$7 extract\$3 locat\$3) near5 (border boundar\$3 contour))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:12
S19	249	(image near3 segment\$5) with ((detect\$3 extract\$3 locat\$3) near5 (border boundar\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:13

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S20	120	(image near3 segment\$5) with (detect\$3 near3 (border boundar\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 11:13
S21	55	((color near5 correct\$3) with (boundar\$3 border)) same (interpolat\$3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:45
S22	212	(smooth\$3) with (boundar\$3 border) with (weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:11
S23	97	(smooth\$3 near5 (boundar\$3 border)) with (weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:18
S24	8	(smooth\$3 near5 (boundar\$3 border)) with (weight\$3 adj (sum\$4 averag\$3 combin\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:20
S25	1	(smooth\$3 near5 (boundar\$3 border)) with (weight\$3 combin\$5) with ((adjacent neighbor\$3) adj (region area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:22
S26	1	(smooth\$3 near5 (boundar\$3 border)) same ((weight\$3 combin\$5) with ((adjacent neighbor\$3) adj (region area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:22
S27	6	(smooth\$3 near5 (boundar\$3 border)) same ((weight\$3 combin\$5) with ((adjacent neighbor\$3) near5 (region area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:24
S28	8	((color near5 correct\$3) with ((boundar\$3 border) near5 pixel)) same (interpolat\$3 weight\$3 averag\$3 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:36
S29	529	((smooth\$3 correct\$3 adjust\$4) with ((boundar\$3 border) near5 pixel)) same (interpolat\$3 weight\$3 averag\$3 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:37

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S30	271	(smooth\$3 with ((boundar\$3 border) near5 pixel)) same (weight\$3 averag\$3 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:38
S31	207	(smooth\$3 with ((boundar\$3 border) near5 pixel)) with (weight\$3 averag\$3 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:38
S32	44	(smooth\$3 with ((boundar\$3 border) adj1 pixel)) with (weight\$3 averag\$3 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 16:38
S33	32	((color near5 (enhanc\$5 correct\$3 adjust\$4)) with ((boundar\$3 border contour) near5 pixel)) same (interpolat\$3 weight\$3 averag\$3 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 08:06
S34	44	((replac\$3 substitut\$3) with ((boundar\$3 border contour) near5 pixel)) with (weight\$3 averag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 17:57
S35	71	(enhanc\$5 near3 (boundar\$3 border contour)) with (weight\$3 averag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 17:57
S36	46	(((gamut hue intensity brightness color gr\$1y\$5) near5 (enhanc\$5 correct\$3 adjust\$4)) with ((boundar\$3 border contour) near5 pixel)) same (interpolat\$3 weight\$3 averag\$3 linear2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 08:46
S37	6	("5065234") or ("5315415") or ("5974173").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 08:47

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Lea, W.;
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5. Road boundary detection in range imagery for an autonomous robot
Sharma, U K; Davis, L S;
Robotics and Automation, [IEEE Journal of \[see also IEEE Transactions on Robotics and Automation\]](#)
Volume 4, Issue 5, Oct. 1988 Page(s):515 - 523
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Pattern Analysis and Machine Intelligence, [IEEE Transactions on](#)
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7. Computation of the tangent graph of polygonal obstacles by moving-line processing
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8. Border detection of the object segmented by the pyramid linking method
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